

Amendments to the Claims:

Please amend claims 1-17 and add new claims 18-23 as follows:

Claim 1 (Currently Amended). An arrangement for the analysis of respiratory gases provided to and from a patient connected to a respirator, ~~which arrangement comprises~~ comprising:

- 5 a holder unit ~~[[6]]~~ for a removably fitted water trap
[[4]] that is adapted to receive said respiratory gases, and
~~which arrangement has~~ a connection that is adapted to
[[lead]] provide liquid-free gas from the water trap ~~[[4]]~~ to
an analysing instrument ~~[[8]]~~ to which analysing instrument
10 ~~[[8]]~~ the holder unit ~~[[6]]~~ is connected, wherein
~~characterized in that~~
 said holder unit ~~(6) is provided with~~ includes an oxygen gas
measuring unit ~~[[14]]~~ for measuring oxygen gas in the
liquid-free gas, and
15 ~~in that~~ said oxygen gas measuring unit ~~[[14]]~~ is a fuel
cell which is removably attached to said holder unit ~~[[6]]~~ and
has a connection that is adapted to receive the liquid-free gas.

Claim 2 (Currently Amended). An arrangement according to claim 1, wherein ~~characterized in that~~ said arrangement further comprises a connection that is adapted to transport the liquid-free gas from the analysing instrument ~~[[8]]~~ to the fuel cell.

Claim 3 (Currently Amended). An arrangement according to claim 1, wherein ~~characterized in that~~ said arrangement further comprises a connection that is adapted to transport the liquid-free gas from the water trap ~~[[4]]~~ to the fuel cell.

Claim 4 (Currently Amended). An arrangement according to ~~any of the claims 1-3 characterized in that~~ claim 3, wherein the connection that is adapted to transport the liquid-free gas to the fuel cell is via the holder unit ~~[[6]]~~.

Claim 5 (Currently Amended). An arrangement according to ~~any of claims 1-4 characterized in that~~ claim 4, wherein said arrangement further comprises a connection that is adapted to transport the liquid-free gas to the analysing instrument ~~[[8]]~~.

Claim 6 (Currently Amended). An arrangement according to claim 5, wherein ~~characterized in that~~ the connection that is

adapted to transport the liquid-free gas to the analysing instrument ~~[[8]]~~ is via the holder unit ~~[[6]]~~.

Claim 7 (Currently Amended). An arrangement according to ~~any of claims 1-6 characterized in that~~ claim 1, wherein said fuel cell is provided with means adapted to perform signal communication with the analysing instrument ~~[[8]]~~ and that the
5 signal communication includes information about the oxygen gas content in the liquid-free gas and/or information about the status of the fuel cell.

Claim 8 (Currently Amended). An arrangement according to ~~any of claims 1-7 characterized in that~~ claim 7, wherein said fuel cell is provided with at least one contact and ~~[[that]]~~ the holder unit ~~[[6]]~~ is provided with at least one corresponding
5 contact ~~[[38),]]~~ that enables said signal communication.

Claim 9 (Currently Amended). An arrangement according to ~~any of claims 1-8 characterized in that~~ claim 8, wherein said holder unit ~~[[6]]~~ has a first indentation ~~[[22))]]~~ adapted to house the water trap ~~[[4))]]~~ and a second indentation ~~[[32))]]~~
5 adapted to house the fuel cell behind the water trap ~~[[4))]]~~, so that the fuel cell is easily accessible from the outside of the analysing instrument ~~[[8))]]~~.

Claim 10 (Currently Amended). An arrangement according to claim 9, wherein ~~characterized in that~~ said holder unit ~~[(6)]~~ is provided with interlocking means in the second indentation ~~[(32)]~~ that correspond to interlocking means on the fuel cell.

Claim 11 (Currently Amended). An arrangement according to claim 10, wherein ~~characterized in that~~ said interlocking means in the second indentation ~~[(32)]~~ of the holder unit ~~[(6)]~~ are at least one groove ~~[(33)]~~ and that said interlocking means on
5 the fuel cell are at least one protruding edge ~~[(41)]~~.

Claim 12 (Currently Amended). A fuel cell adapted to measure oxygen gas in a liquid free gas, ~~characterized in that it~~
the fuel cell being ~~[(is)]~~ removably attachable to an arrangement
for the analysis of respiratory gases provided to and from a
5 patient connected to a respirator, the arrangement comprising a
holder unit for a removably fitted water trap that is adapted to
receive said respiratory gases, and a connection that is adapted
to provide the liquid-free gas from the water trap to an
analysing instrument to which analysing instrument the holder
10 unit is connected, wherein said fuel cell is attachable to the
holder unit and has a connection that is adapted to receive the
liquid free gas ~~(6) in the arrangement according to any of claims~~
~~1-11.~~

Claim 13 (Currently Amended). A fuel cell according to claim 12, wherein ~~characterized in that~~ said fuel cell has a connection that is adapted to receive gas and/or a connection that is adapted to emit gas.

Claim 14 (Currently Amended). A fuel cell according to ~~any of claims 12-13 characterized in that~~ claim 13, wherein said fuel cell is provided with means adapted to perform signal communication.

Claim 15 (Currently Amended). A fuel cell according to claim 15, wherein ~~any of claims 12-14 characterized in that~~ said fuel cell is provided with at least one contact that corresponds with at least one contact ~~[(38)]~~ in the holder unit ~~[(6),]~~ that enables said signal communication.

Claim 16 (Currently Amended). A fuel cell according to claim 10, wherein ~~any of claims 12-15 characterized in that~~ said fuel cell is provided with interlocking means that correspond to interlocking means in the holder unit ~~[(6)]~~.

Claim 17 (Currently Amended). A fuel cell according to claim 16, wherein ~~characterized in that~~ said interlocking means on the fuel cell ~~[(are)]~~ comprise at least one protruding edge

[[(41)]] that ~~correspond~~ corresponds to at least one groove
[[(33)]] in the holder unit [[(6)]].

Claim 18 (New). An arrangement according to claim 1,
wherein the connection that is adapted to transport the
liquid-free gas to the fuel cell is via the holder unit.

Claim 19 (New). An arrangement according to claim 2,
wherein the connection that is adapted to transport the
liquid-free gas to the fuel cell is via the holder unit.

Claim 20 (New). An arrangement according to claim 1,
wherein said arrangement further comprises a connection that is
adapted to transport the liquid-free gas to the analysing
instrument.

Claim 21 (New). An arrangement according to claim 2,
wherein said arrangement further comprises a connection that is
adapted to transport the liquid-free gas to the analysing
instrument.

Claim 22 (New). An arrangement according to claim 3,
wherein said arrangement further comprises a connection that is

adapted to transport the liquid-free gas to the analysing instrument.

Claim 23 (New). An arrangement according to claim 1, wherein said holder unit has a first indentation adapted to house the water trap and a second indentation adapted to house the fuel cell behind the water trap, so that the fuel cell is easily
5 accessible from the outside of the analysing instrument.